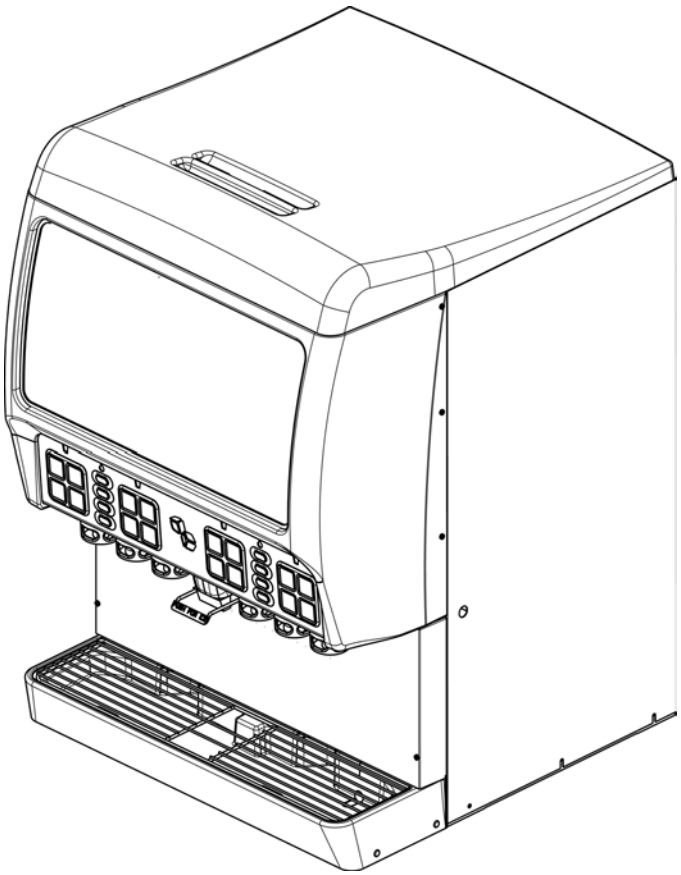
FLAVORFUSION WITH COLD CARBONATION

Illustrated Parts List Manual



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CLADDING COMPONENTS AND OVERALL ASSEMBLY

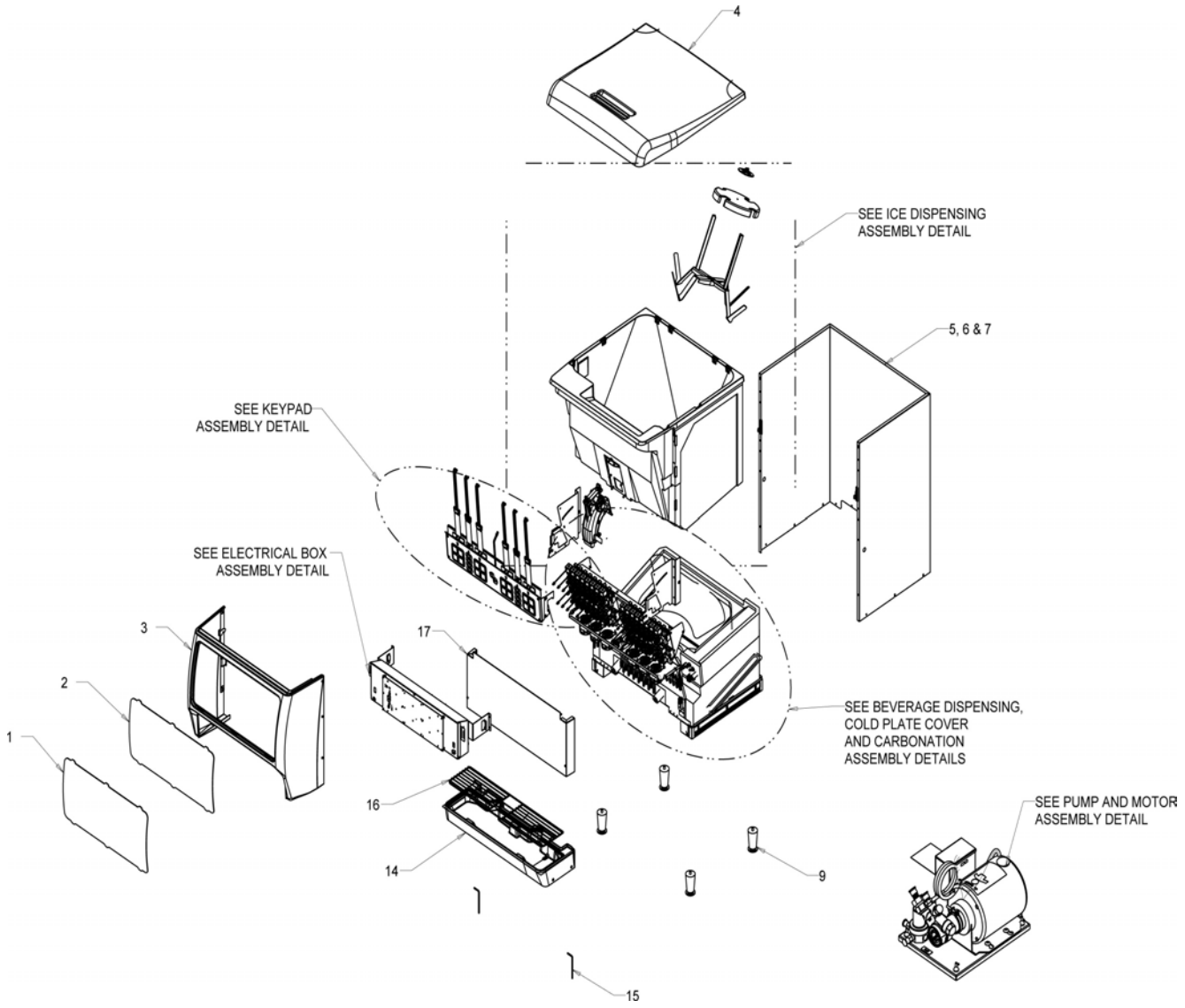

Figure 1.

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Table 1. Cladding Components and Overall Assembly

Item No.	Part No.	Name
1	620920085	Merchandiser Graphic (Generic)
	620921021	No Bonus Graphic
2	620518216	Merchandiser Lens
3	620054783	Merchandiser Asy (Black)
	620054784	Merchandiser Asy (Green)
	620054781	Merchandiser Asy (Silver)
	620054782	Merchandiser Asy (Orange)
4	620517088	Lid (Black)
	620517089	Lid (Green)
	620517086	Lid (Orange)
	620517087	Lid (Silver)
5	51908	Mounting Hole Plug(Not Shown)
6	33300	Keyswitch Asy (Keys Included)
	2007	Replacement Key Only
7	620054790	Wrap Flavor Fusion
8	620516645	Coldplate Access Cover
9	70970	4" Adjustable Legs, 3/8"-16 Black Plastic With Nickle Plated Foot
10	53011	Rubber Elbow Fitting For Cold Plate Drain (Not Shown)

Table 1. Cladding Components and Overall Assembly

Item No.	Part No.	Name
11	50335	Armaflex Insulation 1-3/8" IDx 3/8" Wall (Not Shown)
12	51774	Clear Vinyl Tubing 1" ID X 1/8" Wall (Not Shown)
13	70750	Hose Clamp (Not Shown)
14	620046247	Drip Tray Asy (Black)
	620046272	Drip Tray Asy (Green)
	620046273	Drip Tray Asy (Orange)
	620046274	Drip Tray Asy (Silver)
15	10145	Drip Tray Mounting Pin
16	620708534	Cup Rest
17	620055148	Splash Panel (Drip Tray)
	620055695	Splash Panel ("Z" Style)
18	620055259	Plumbing Label Diagram (Not Shown)
19	620716108	Keypad Asy (Generic)
	620052950	Keypad Asy (No Bonus)
20	620408124	Pump And Motor Assembly
21	620921337	Generic Decal Set (Not Shown)
22	620043354	Cold Plate Cover Assembly

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ELECTRICAL BOX ASSEMBLY DETAIL

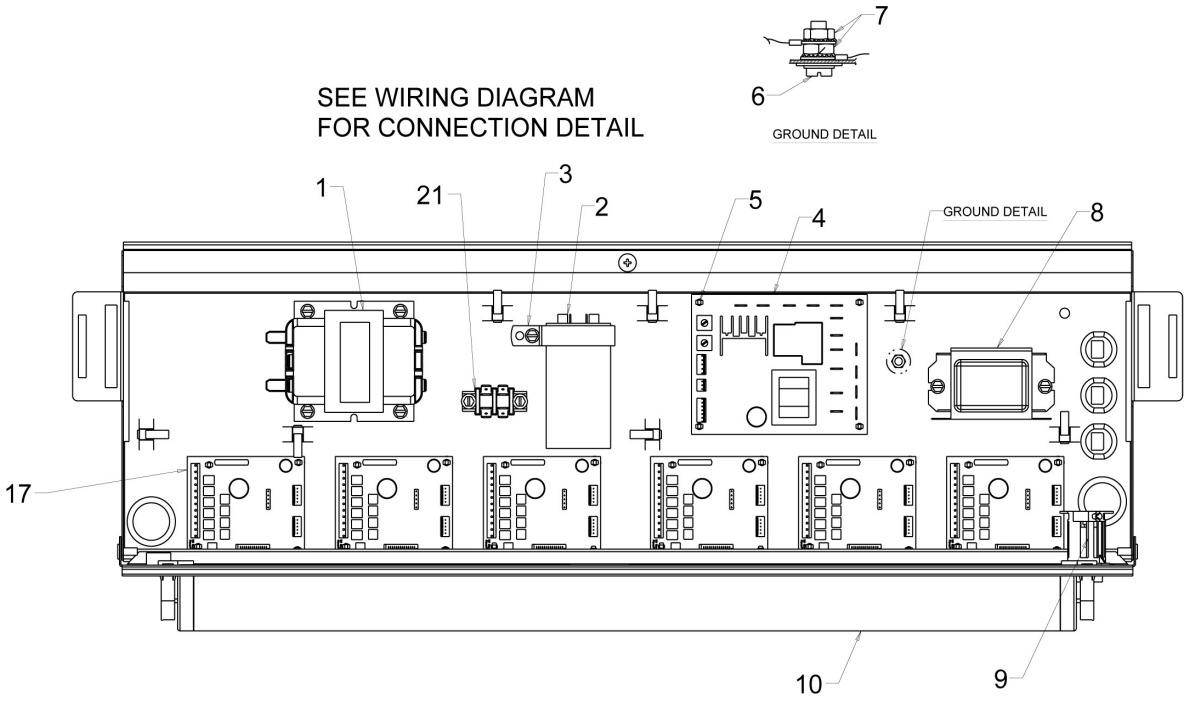

Figure 2.

Table 2. Electrical Box Assembly Detail

Item No.	Part No.	Name
1	620047655	Transformer
2	560002379	Capacitor
3	620717212	Capacitor Mount
4	620314825	Main Electrical Board
5	325925000	Electrical Board Support
6	70120	Machine Screw, #10-32, Ground
7	70015	Hex Nut, 10-32 Keps
8	31621	Ballast
9	31620	Starter
10	31928	Fluorescent Bulb 23"
11	30794	Agitator Motor Heater (Not Shown)
12	620316445	Agitator Motor Harness (Not Shown)
13	620316456	Carb Pump And Motor Harness (Not Shown)

Table 2. Electrical Box Assembly Detail

Item No.	Part No.	Name
14	30995	Power Cord
15	620316455	Liquid Level Control Harness (Not Shown)
16	620316457	Ice Chute Position Sensor Harness (Not Shown)
17	620314824	Electrical Interface Board
18	620316487	Interface Harness
	620317468	Interface Harness (No Bonus)
19	620316288	Main Board To Interface Board Syncronization Harness
20	620316444	Solenoid Valve Harness
21	620055260	Wiring Diagram Label (Not Shown)
22	187876000	Terminal Block

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ICE DISPENSING ASSEMBLY DETAIL

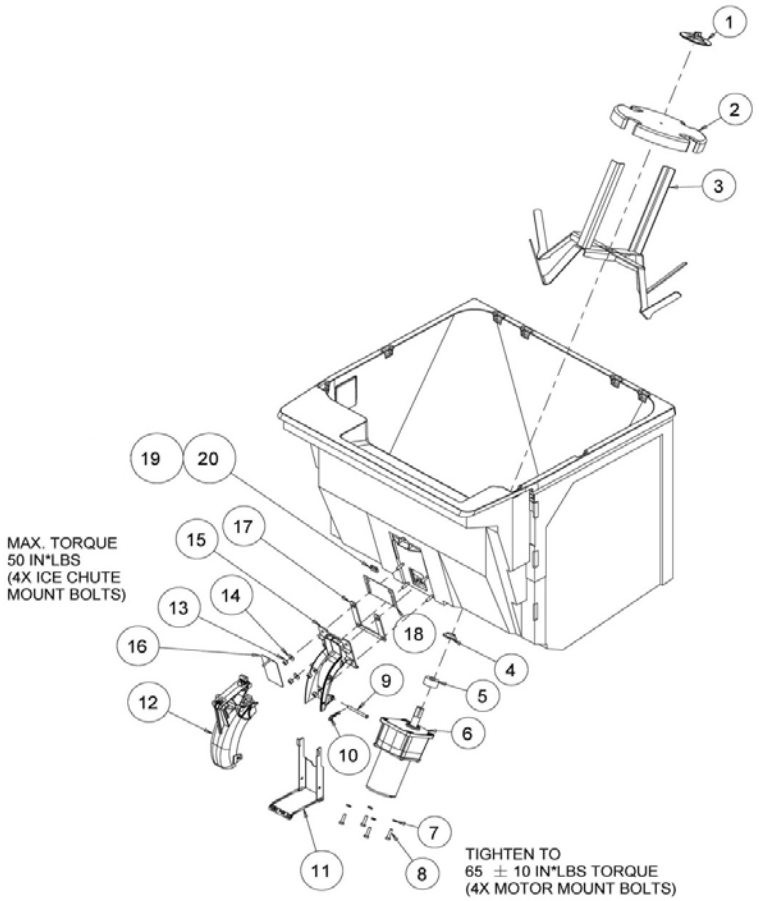

Figure 3.

Table 3. Ice Dispensing Assembly Detail

Item No.	Part No.	Name
1	15087	Agitator Retainer
2	620042770	Agitator Disk
3	620042766	Agitator
	620042723	Agitator (opt. w/no disk reqd)
4	620711105	Gear Box Shaft Seal
5	52876	Gear Box Shaft Gasket
6	620314923	Service Motor (Without Gear Box)
	620314913	Motor and Gear Box Assembly
7	186294000	Lock Washer .262” ID X .489” OD X .062” Thick, SS
8	620720590	Self-Locking Socket Head Cap Screw, 1/4-20, 1” Long, SS
9	620051502	Clevis Pin, .250” Dia X 2.75” Long, SS
10	620709432	Hairpin Cotter, SS

Table 3. Ice Dispensing Assembly Detail

Item No.	Part No.	Name
11	620518517	Ice Chute Push Bar
	620709311	Ice Chute Lever (not shown)
12	620518523	Upper Ice Chute Assembly
13	620709132	Hex Nut, 1/4-20 Nylock, SS
14	70066	Flat Washer, .265” ID X .750” OD X .055” Thick, SS
15	620518513	Lower Ice Chute
16	620048706	Ice Gate
17	620710113	Ice Gate Gasket
18	620046504	Ice Gate Restrictor Plate
19	0704105	Machine Screw #08-32 Truss Phillips Head, 1/2” Long, SS
20	V25248	Flat Washer, #10 SS
21	620314527	Ice Chute Position Sensor (Not Shown)
22	90432	Heater Caution Label (Not Shown)

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BEVERAGE DISPENSING ASSEMBLY DETAIL

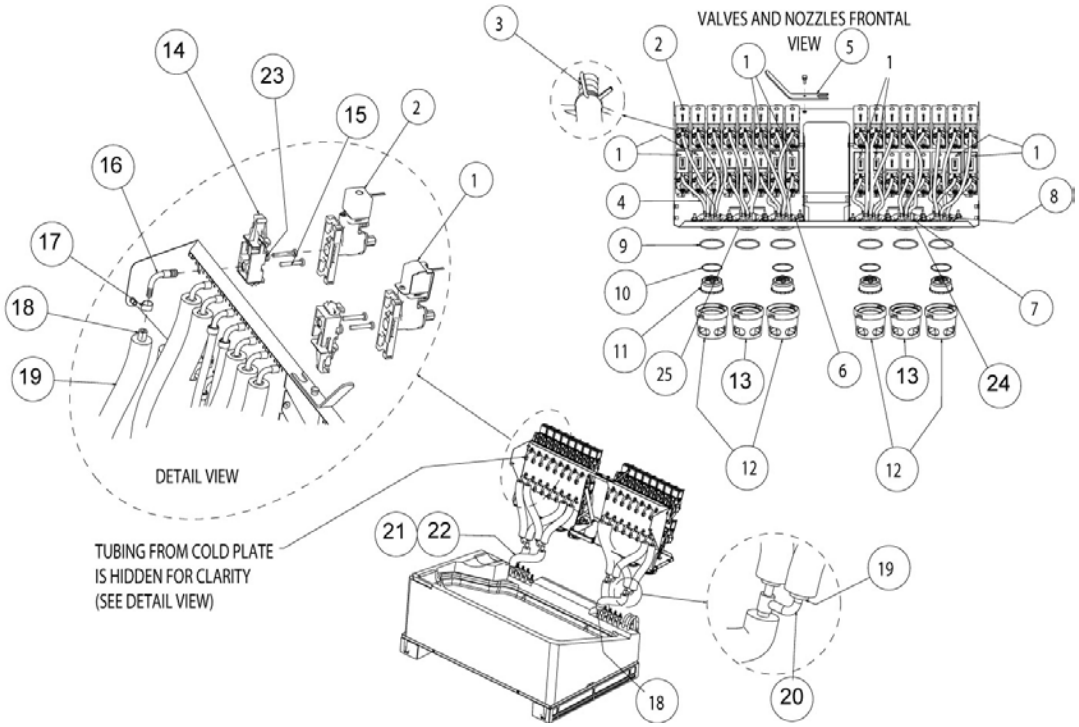

Figure 4.

Table 4. Beverage Dispensing Assembly Detail

Item No.	Part No.	Name
1	620607737	Water Valve: DO NOT SWITCH WITH ITEM 2
2	620607738	Syrup Valve: DO NOT SWITCH WITH ITEM 1
3	LBJ0602141	Torsion Spring Clamp 19/64”
4	620708932	Tygon Tubing 5/16 OD X 3/16 ID: Supplied in 6’ Lengths. Connects between Valve Outlet and Baffle.
5	620716708	Valve removal tool
6	620042932	Diffuser: Requires item 9. Cap unused baffle inlets with item 7
7	620043130	Cap
8	311527000	Oetiker clamp # 8.7
9	620716317	O-ring 2.050" 103CS 65-70 Duro
10	620716316	O-ring 1.864" 070CS 65-70 Duro
11	620518712	Diffuser Assembly: Comes with item 10. For brand syrup valves only.
12	620516520	Brand Outer Nozzle
13	620516522	Bonus Outer Nozzle (Optional)
14	620518139	Valve Back Block

Table 4. Beverage Dispensing Assembly Detail

Item No.	Part No.	Name
15	620700601	Screw, 10-16 Thread Forming Sheet-metal Phillips Head SS, 1.25 Long
16	620709068	Elbow Fitting, 1/4 Barb X 1/4 Dole, SS
	50126	Must fully insulate with Prestite Insulation
	50326	Insulation Tape
17	312926000	Oetiker Clamp # 12.3
18	620708933	Tygon Tubing 7/16 OD X 1/4 ID: Supplied in 6’ Lengths
	50126	Must fully insulate with Prestite Insulation
	50326	Insulation Tape
19	50163	Armaflex Insulation 3/8 ID X 3/8 WALL: Supplied in 6' lengths.
20	77900800	Y-Fitting (2) 1/4 X 3/8 Barb,
	50126	Must fully insulate with Prestite Insulation
	50326	Insulation Tape
21	620607436	Polyethylene Tubing .380" ID X .593" OD: Supplied in 6' lengths.
22	50249	Armaflex Insulation Tubing 1/2 ID X 3/8 WALL: Supplied in 6' lengths.
23	321471000	Dow 111 Lubricant: Apply around O-rings.
24	620516691	No Bonus Cover Assembly (Optional)

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KEYPAD ASSEMBLY DETAIL

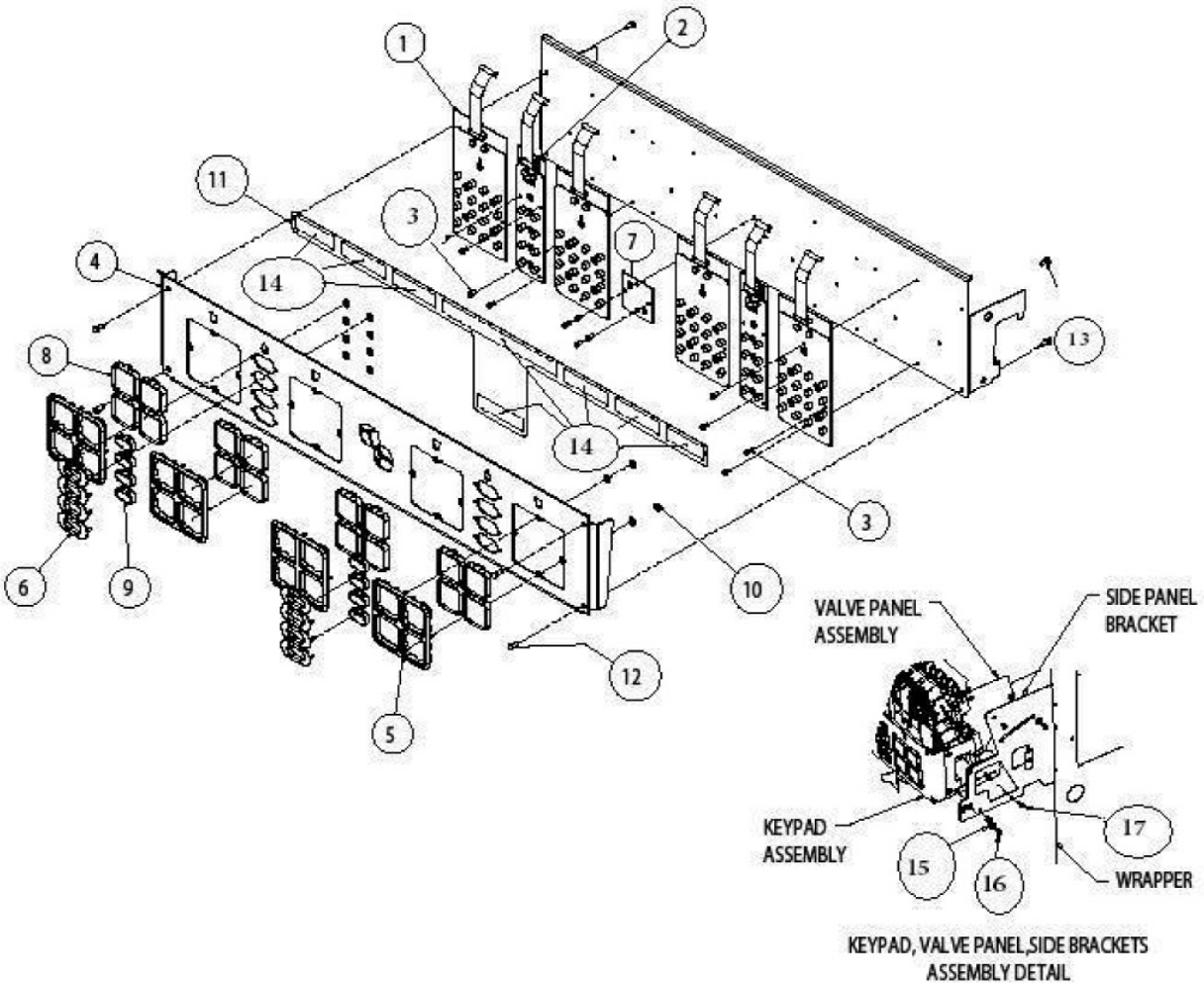

Figure 5.

Table 5. Keypad Assembly Detail

Item No.	Part No.	Name
1	620045210	Brand Keypad: Order must include item 19
2	620045209	Bonus Keypad (Optional): Order must include item 19
3	620709634	Pine Tree Push In Clip .118" DIA
4	620716106	Front Bezel Panel (Generic)
	620716113	Front Bezel Panel (No Bonus)
5	620719401	Brand Bezel
6	620719402	Bonus Bezel (Optional)
7	620314836	Ice Icon Circuit Board
8	620719405	Brand Push Button
9	620719406	Bonus Push Button (Optional)

Table 5. Keypad Assembly Detail

10	318036000	Push Nut, .125" DIA
11	620518222	Multicolor Indicator Lens
12	620716907	Stand Off 6-32 Threaded
13	320734000	Machine Screw, #06-32 Pan Head Phillips with Lock Washer, 3/8" Long
14	000251107	Double Sided Tape 1" Wide: Apply tape as shown so backlighting of icons is not blocked. Supplied on a roll.
15	V25248	#10 Flat washer, SS
16	620720587	Shoulder Head Screw, #08-32 Phillips Head, SS
17	70171	Machine Screw, #8-32 Truss Phillips Head, 3/8" Long, SS
18	620317462	Keypad to E-board Transition Harness (not shown)

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CARBONATOR TANK ASSEMBLY DETAIL

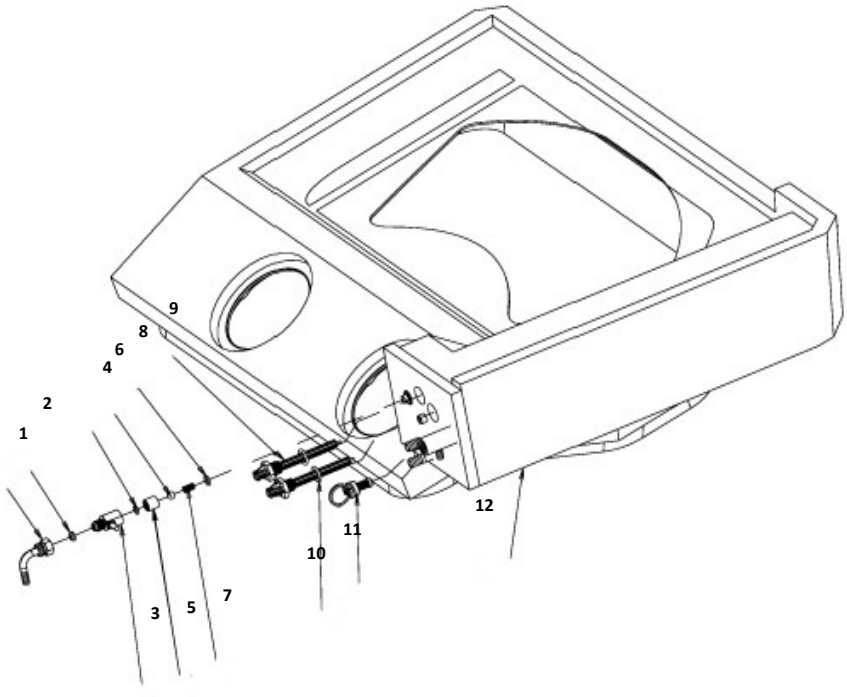

Figure 6.

Table 6

Item No.	Part No.	Name
1	77040100	L-Swivel Fitting 7/16”-20 (1/4” FFL) FL X 1/4”Barb, SS
2	178025100	Male Gasket Flare Fitting
3	64677001	Check Valve Fitting
4	398033002	O-Ring.239” ID.070” CS 70 DU BU-N
5	64686	Check Valve Sleeve SS
6	64560	Check Valve Ball,.3125” SS

Table 6

Item No.	Part No.	Name
7	64678	Spring
8	31525012	O-Ring.301” ID.070” CS 60 DU BU-N
9	620607108	Liquid Level Control Probe: Must be purchased together w/ Item 10 (ORing)
10	31525007	O-Ring.488” ID 103 CS 60 DU BU-N
11	630001122	Relief Valve
12	620043354	Cold Plate Cover Assembly

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CARBONATOR TANK ASSEMBLYDETAIL

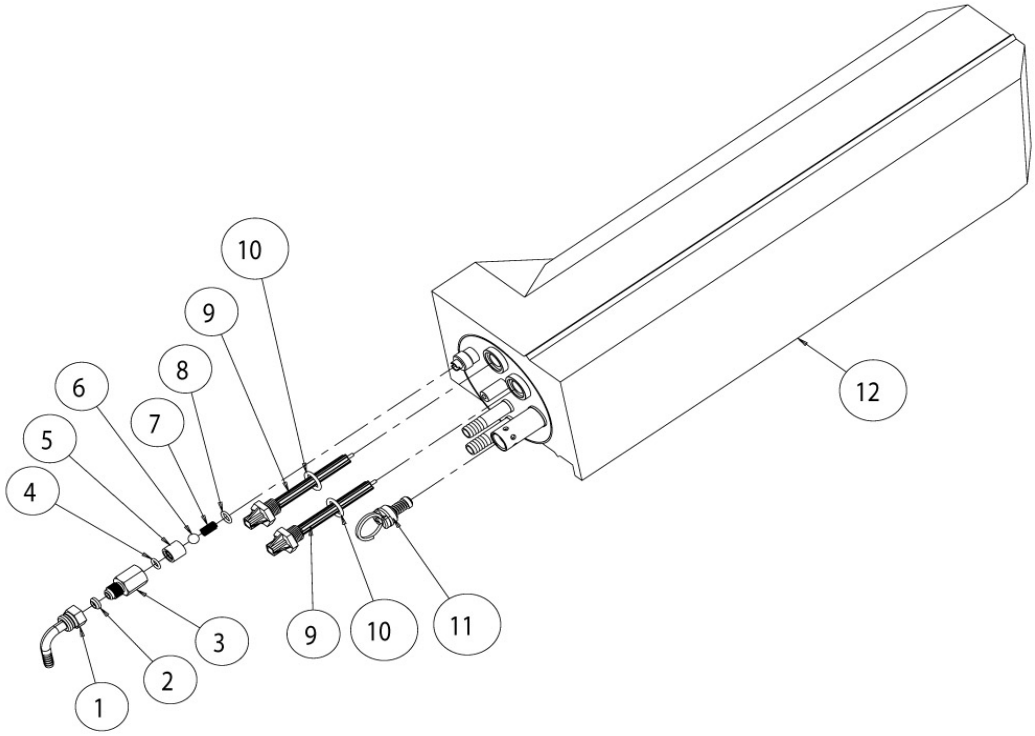

Table 7. Carbonator Tank Assembly Detail

Item No.	Part No.	Name
1	77040100	L-Swivel Fitting 7/16”-20 (1/4” FFL) FL X 1/4” Barb, SS
2	178025100	Male Gasket Flare Fitting
3	77401400	Check Valve Fitting
4	398033002	O-Ring .239” ID .070” CS 70 DU BU-N
5	64686	Check Valve, SS
6	64560	Check Valve Ball, .3125” SS

Table 7. Carbonator Tank Assembly Detail

7	64678	Spring
8	31525012	O-Ring .301” ID .070” CS 60 DU BU-N
9	620607108	Liquid Level Control Probe: Must be purchased together with item 10 (O-ring).
10	31525007	O-Ring .488” ID 103 CS 60 DU BU-N
11	630001122	Black Valve
12	620518322	Carb Tank Complete Assembly

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PUMP AND MOTOR ASSEMBLY DETAIL

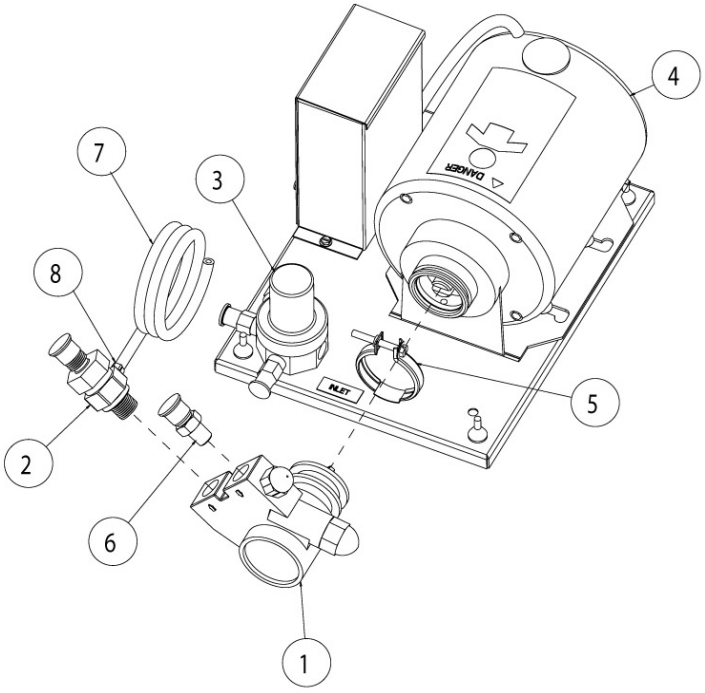

Figure 7.

Table 8.

Item No.	Part No.	Name
1	60170	Pump, 125GPH
2	620608773	Check Valve 3/8MPT 5/8-18
3	620709802	Pressure Regulator 75 PSIG
4	60030058	Motor Pump
5	187483000	Clamp

Table 8.

Item No.	Part No.	Name
6	111337000	Straight Fitting 3/8 MPT X 3/8 MF, Brass
7	174004000	Polyethylene Tubing .156” ID X .312” OD
8	311527000	Oetiker Clamp #8.7

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SPLASH PANEL ASSEMBLY

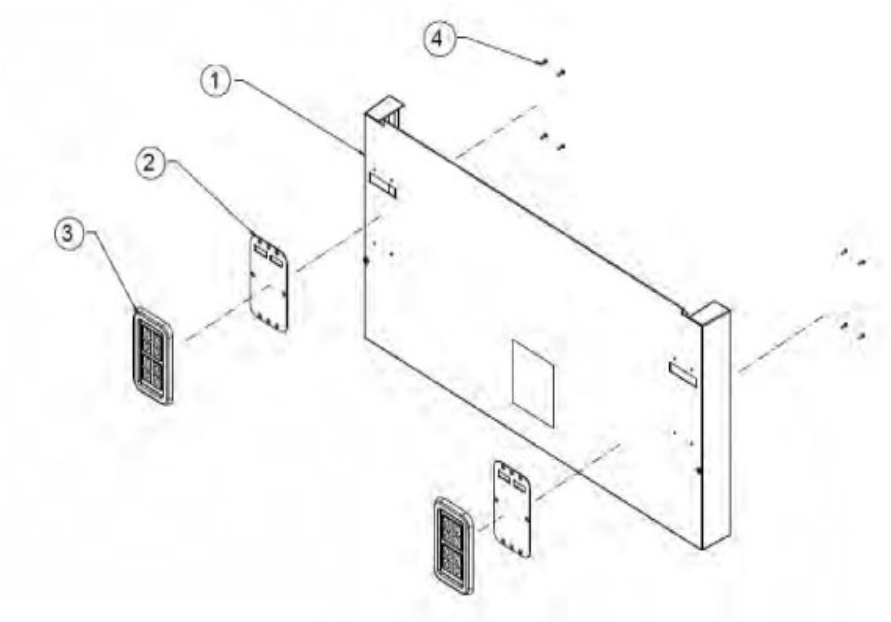

Figure 8

Table 9. Splash Panel Assembly

Item No.	Part No.	Name
1	620055148	Panel
	620055695	Z Style Panel
	620055760	ADA Z Style Panel (FlavorFusion)
	620055759	ADA Panel (FlavorFusion)
	620056477	ADA Panel (Flavor Overload)
	620056479	ADA Z Style Panel (Flavor Overload)

Table 9. Splash Panel Assembly

Item No.	Part No.	Name
2	620055739	Lower Gasket (FlavorFusion)
	620050223	Lower Gasket (Flavor Overload)
3	620055740	Key Pad Assembly (FlavorFusion)
	620051142	Key Pad Assembly (Flavor Overload)

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